

coagulation factor and a DNA sequence functioning as a promoter which is specific for expression in hematopoietic cells.

2. **(Amended)** The DNA-construct as claimed in claim 8, wherein the DNA sequence functioning as a promoter is the DNA sequence coding for human platelet glycoprotein IIb (GP1Ib).

3. **(Amended)** The DNA-construct as claimed in claim 8 wherein the blood coagulation factor is Factor IX.

4. **(Amended)** The DNA-construct as claimed in claim 8, wherein a first truncated intron (Intron 1) of the human FIX gene is inserted into the DNA sequence coding for an amino acid sequence of a blood coagulation factor.

5. **(Amended)** A process for the production of Factor IX in hematopoietic cells comprising:

-transfecting hematopoietic cells with the DNA-construct of
claim 3 and
-expressing the DNA-construct in the hematopoietic cells.

6. **(Amended)** The process as claimed in claim 14, wherein the production of Factor IX is stimulated by an inducer.

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7. **(Amended)** The process as claimed in claim 6, wherein the inducer is phorbol-12-myristate-13-acetate (PMA).

Please add new claims 8 to 14 as follows:

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8. **(New)** The DNA-construct according to claim 1 wherein the hematopoietic cells are platelets.

9. **(NEW)** A process for the production of a blood coagulation factor in a hematopoietic cell line comprising:

- transfecting hematopoietic cells with a DNA-construct coding for a blood coagulation factor comprising:
 - a DNA sequence coding for the amino acid sequence of a blood coagulation factor, and
 - a DNA sequence functioning as a promoter which is specific for expression in hematopoietic cells; and
- expressing the DNA-construct.

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10. **(NEW)** The process as claimed in claim 9, wherein the production of the blood coagulation factor is stimulated by an inducer.

11. **(NEW)** The process as claimed in claim 10, wherein the inducer is phorbol-12-myristate-13-acetate (PMA).

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